

What is claimed is:

1. An isolated polynucleotide comprising the nucleic acid sequence of SEQ ID NO:
1.
- 5 2. An expression vector comprising a lectin gene regulation site of *Misgurnus mizolepis*.
3. The vector of Claim 2, wherein said vector is pmlectP (KCTC 10124BP).
- 10 4. The vector of Claim 2, wherein said vector further comprises a growth hormone gene of *Misgurnus mizolepis*.
- 15 5. The vector of Claim 4, wherein said vector is pmlectmGH (KCTC 10126BP).
6. The vector of Claim 2, wherein said vector further comprises a growth hormone gene of *Cyprinus carpio*.
7. The vector of Claim 6, wherein said vector is pmlectcGH (KCTC 10125BP).
- 20 8. A transgenic *Misgurnus mizolepis* containing, in its germline, the vector of Claim 4, wherein said *Misgurnus mizolepis* expresses said growth hormone gene at levels which increases the rate of its growth relative to wild-type *Misgurnus mizolepis*.
9. A transgenic *Cyprinus carpio* containing, in its germline, the vector of Claim 6,

wherein said *Cyprinus carpio* expresses said growth hormone gene at levels which increases the rate of its growth relative to wild-type *Cyprinus carpio*.

10. A method of making a transgenic *Misgurnus mizolepis* comprising microinjecting
5 the vector of Claim 4 into fertilized eggs of *Misgurnus mizolepis* and culturing the eggs such that the eggs hatch and result in *Misgurnus mizolepis* fish which expresses the growth hormone gene at levels which increase the rate of growth of the fish relative to wild-type *Misgurnus mizolepis*.

11. A method of making a transgenic *Cyprinus carpio* comprising microinjecting the
10 vector of Claim 6 into fertilized eggs of *Cyprinus carpio* and culturing the eggs such that the eggs hatch and result in *Cyprinus carpio* fish which expresses the growth hormone gene at levels which increase the rate of growth of the fish relative to wild-type *Cyprinus carpio*.